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Hemorrhagic States

of

Fever.

Of the Hemorrhagic States of Fever.

I am not singular in including hæmorrhages among febrile diseases. Dr Cullen has done so before me. Chills - heat thirst, and a frequent pulse generally attend them.

Previously to my entering upon the cure of these states of fever I shall deliver the following propositions.

1 All hæmorrhages when they occur sporadically are preceded by debility in the Arterial system in common with all other general diseases.

2 This debility is induced by all the causes which induce fever, and by the ingesta, or alimenta, excreta, or excretions, or in other words, the Chylopoetic & sanguiferous Organs exciting in their strength the vessels which convey blood out of the body. It occurs also at puberty from the full operation of growth

3 From these causes, a plethora is induced in the blood vessels. It has

into plethora ad molem, & plethora ad spatium.
The first includes the excess of blood from the
laxity of the blood vessels - the 2nd includes
from the loss, or death of a limb. Persons after
Amputations generally become plethoric.
4 This Plethora is seated before 36 in the
Arteries, and after it in the Veins. I took
Arabica of this formerly, and mentioned Dr
Winthringham's Exp^ts to prove it. viz: the Arte-
-ries being weaker & more distendile than the
Veins before 36, & vice Versa afterwards.
5 Plethora, &
Heamorrhages of Course, occur from in the Arteries
in early life. They are generally from the nose, and
lungs. When the plethora is transferred to
the Veins, haemorrhages occur from the
liver, stomach, and haemorrhoidal Vessels
& in the brain. The haemorrhage from
the Uterus occurs during the existence of
plethora in Arteries & Veins. But to these

remarks there are many exceptions; for
we sometimes see hæmorrhages from the
veins in young people, & from the Arteries
in people advanced in life. The Vessels from
whence hæmorrhages ipse are always prepared
for them by more or less local debility.

Dr Stahl has divided hæmorrhages into
Active and Passive & Dr Cullen has followed him in this division.
but one exception) altogether, for I deny
the existence of the passive hæmorrhage.
I shall divide them agreeably to my
theory of the Unity of fever as I have
done all the other states of fever, into
hæmorrhages of strong, & weak morbid
Actions. They may both be known by the
State of the pulse, and other when this is silent,
by the general Condition of the System taken
from all the Signs of disease formerly mentioned.

The only passive hæmorrhage that I admit is that which takes place from trifling Wounds without fever. I have seen several cases of it, and have heard of its prevailing every branch of B. or 4 families. Dr Otto has described it in a late Number of the New York Medical Repository. It seems to arise from an original & Congenial defect in the texture of the blood vessels, or from some fault in the blood, which indisposes it to form the Coagulum which often stops the mouth of a bleeding vessels. I once I believe cured it by tonics particularly by large doses of Bark.

The remote & exciting Causes of hæmorrhages are General & partial. The I. are Great heat & Cold. The soldiers of the British & French Armies under the burning Sun of Egypt were often affected with a bleeding at the nose

in their Marches & encampments, ~~is that~~
I have seen it induced in a taylor in this city by
~~last~~ ~~Coaxing~~ sitting with his back to a hot stove for
about half a day —
2 The Vicissitudes from heat to Cold, & from
Cold to heat, — hence they do Often occur
in the Spring & fall.
3 Great & sudden changes in the weight
of the Air — hence they sometimes occur
after ascending heights. or climbing moun-
=tains. — The hæmorrhage in these two
last cases are chiefly from the lungs.
They are said to be very common in Vienna
from the inhabitants living in very
high houses. and ascending hastily to the upper stories.
4 Every thing that increases the force of the
blood in the blood vessels, such falls or contusions,
lifting weights — great pressure from too much cloathing
violent postions, and sudden emotions — and
=tile. the last induces hæmorrhagic Ulce-
=ria Only. all the former causes produce
hæmorrhage chiefly from the Nose & lungs.

Under this head, I include the sensations
produced by animal magnetism. It has
sometimes induced a bleeding from the
nose. The causes which act partially
upon the body in inducing hæmorrhage
are of a local nature, and are different according to
the parts on which they act: I shall mention
respiration. Those act only on the lungs.
2 Hanging down the head produces
bleeding from the nose.
3 Cold feet. This cause operates upon the
nose & bowels.

Hæmorrhages are sometimes said
to be epidemic. They occured in the army
in many instances which marched to
quell the Western Insurrection in 1794.
They arise from the same cause which
is said to produce Epidemic Apoplexies,
or Epidemic fevers
Pabis & Gout - i e - to from

attended with a disposition to relieve itself
by spontaneous hæmorrhages. All such
fevers are easily cured by VS. Remember
the rule formerly laid down in our Thera-
peutics. These spontaneous hæmorrhages
are like the posts & hands on a road.
They point to the way we should go, but
do not move to help us along. In
like manner, these hæmorrhages suggest
to us - the propriety of following nature,
but in most cases it should be with
a lancet, or styptics in our hands,
for she generally does too little, or too
much in all febrile diseases in which
hæmorrhages are symptoms.

Before we proceed to the cure of hæ-
morrhages, it becomes us to inquire
are there any that it is unsafe to cure.

v In Asturia Dr Thiry says that frontal this
hemorrhage prevents the Leprosy & the
Itch. Where likewise it would be unsafe
to check it. — Take notice again Quere of
The extensive connection of the irritation
on the Rectum with the whole System
with
with the Skin.

I answer in persons disposed to hypochondriasis - nausea &c it will be unsafe for a while to check an hæmorrhage from the hæmorrhoidal vessels - until the predisposition to those diseases is removed. In the vicarious discharge of the menses from a sore, or from the bowels may be obliterated, until the natural course of the blood be restored. a bleeding of the nose likewise should not be stopped in a fever with Cephalic determination, while it is not excessive, or disproportioned to the disease, but in all other cases of hæmorrhage, recourse should be had to medicine. The following are the general Remedies for this purpose.

In hæmorrhage of great morbid excitement, the Remedies should be V. Accommodated to the state of the

V I once went to take up a blood vessel which had been ruptured by a mortific[n]. of one half the Penis from a paraphymosis — In order to obtain more light than for that purpose, — I directed a window shutter to be fastened back near my patient's bed. To do this, it was necessary to raise the lower sash of the a window, which instantly admitted a stream of ~~Air so intensely cold that it has been necessary~~ cold air upon the exposed blood ~~Day this open~~ vessels. The bleeding was checked in an instant, and and that by by such a contraction of the blood vessel that I could not discern the spot from whence the blood had issued = being so injected with blood as to press the artery.

~~+ Seem to syncope would at the moment.~~

+ When blood is thus checked it is from the coagulating lymph forming a thrombus, or the albulan substance around an artery. =

pulse, & condition of the system.

2 Cold Air – Cold water, & Ice. many soldiers owe their lives to Cold Air after a battle
checking the ~~blood~~ discharge of blood from
their wounds. ~~The plunges one~~. immersing
the whole, or a part of the body in Cold
water, ~~has~~ by reducing the animal action
of the blood vessels, stops an haemorhage.
A wounded deer always flies to a spring of
Cold water in which it nearly buries it-
self, & thereby stops its bleeding wound.
greater abstracting power of heat
Ice by its ~~Reduction~~ often checks Haemorhage
after Cold Blair, and Cold Water have been
used to no purpose
3 ~~Lancet, Purges~~ Rest, Laxative Purges, & certain
medicines of an astringent nature. as
Alum, Sue oak galls, Sal Saturn.
4 Ligatures to the limbs, so as to compress
the Arteries have been much neces-
-sened. L

[7] when applied to the limbs be from the fingers upwards to prevent ramification from spreading above them.

V The prophylactic Remedies should be

1 Temperance 2 to exercise – 3 small

& Dejections when the disease is coming on,

and 4 gentle laxatives, and avoiding

all its remote & exciting causes.

If the account I have given of the use of the Liver be correct, in both the grades of Hæmorrhoea, it will be of immense Consequence to inquire whether any previous Disease, or position of the body – or whether habitual. or even accidental emotional excitement may not have induced Obstructions in that Viscus. If this have = ever remedies will probably be ineffectual, Until that Obstruction be removed by local internal, and external Deobstruents. Bare mercy promises most effect in this case – Leistand or the cellular subspinous.

can say nothing in their favor from
my own experience. I have lately seen them
used with effect by Dr Stewart. The Head of
& Blisters, and low diet, consisting only of
Vegetables.

For Hemorrhages attending with
weak morbid Action, the following Remedies
are proper. 1 Opium. 2 Bark. 3 Steel
4 The nitric acid in preference to the Elix of vitriol
Copper & Cordial diet & gentle exercise.

We proceed now to treat of particular
Hemorrhages. & I from the Nose — called
Epistaxis. —

It is sometimes a symptom of fever. In
I have known it twice to prove fatal. In
one instance it was accompanied with petechiæ.
— Copious Bl. was used in both cases, but
the pulse remained tense, in one of them to
the last hours of life.

It is more commonly induced
by falls, blows, kicking the nose, and by
that state of fulness which takes place

I said formerly mentions nine cases of persons dying of hæmorrhages in whom the Spleen was found after death diseased from enlargement, & what he calls putrefaction. Then hæmorrhages, merely from the nose, stomach, bowels & hæmorrhoidal Vessels. Vanswieten says he once attended a patient in whom an uneasiness of the Spleen enabled him to predict a return of a bleeding from the nose. In most cases of hæmorrhage it will be useful to inspect the

V Dr Darwin commends dipping the whole head in a bucket of cold water. In one of the cases which he has met with proved fatal; It arose from a malignant fever in which the blood often refuses to coagulate, & it is the Coagulation of the blood which stops Hæmorrhages. Huguenin always checks

+ the Spleen to be obstructed & to employ suitable remedies both external and internal to remove those obstructions. In every & a Caustic promise most benefit in such Cases.

in the Vessels about puberty. Augmented
it in Mrs Bruce.

The Remedies should be if the pulse
be tense &c. — 2 Rest in a sitting, or half
recumbent posture. 3 Cold applications to the
neck. Iced ~~should be used~~ Ice with immediate pres-
sure in the Case of ~~It would be a bad~~ proper
cups in the Case of Cards I have seen a
hand kerchief dipped in Cold water & applied
to the Sternum ~~is~~ instantly check this hemor-
rhage. 4 Plugs. 5 Liniment purges & low
diet. Its recurrence should be prevented by
avoiding all ~~the~~ its general & Specific Causes,
particularly tight ligatures round the neck..

Hæmoptysis.

This Disease is known by a retchs of the
Cheeks - a sense of heaviness, or pain, or heat
in the Breast - Dyspnœa - Itching in the fauces,
small Cough - with a discharge of blood from
the Mouth. —

In addition to these cases I shall add a high and light one. This, some years ago indeed it upon the heights of the Allegany mountain in a wagon coming from Pittsburgh. The exposed in ~~In addition to these cases I shall add~~ the state in which the was travelling — Dr Gilchrist tells us he not night pro= -duced it in three persons in Scotland - I met with three cases of it in a cold week in the month Winter of 1790. singing brot it on the celebrated Actress Mrs Arne. Laughing on Mrs allston - & lifting a bag of meal on the Revd Mr Jones. ~~and a sudden gust of~~ passion in a Gentleman & for whom I procured who a gentleman in the Summer of 1809 (at ~~the Bedford Springs~~ in this state He had so far recovered of a disease in his breast, as to undertake a journey on horseback of a sudden- in Order to complete his cure. In consequence gust of anger in the of a quarrel w: a hostler for not bringing his horse out of the Stable in neat Order, he burst a blood vessel in his lungs & expired in a few minutes afterwards.

There is sometimes a discharge from the lungs of blood which has been mistaken for hæmoptysis. No cough, nor fever nor pain attend it. The source of it may be seen by means of a looking glass. —

Sometimes the discharge is from the Larynx Trachea, in which case there is a hawking with but little cough, or pain. It has been called the hæmorrhage of Larynx. I mentioned its cause formerly. ✓

The following facts in the history of this disease are worthy of our notice.

1 It is often induced by great heat & cold, & by sudden vicissitudes in the weather.

1 There forms of all the cases of this hæmorrhage when profuse, occurs in the night, - owing to the debility which predisposes to it, being greater in the night than at other time.

2 Loud and long speaking, also hallowing are enumerated among its exciting causes, but two circumstances attending its occurrence are very striking. 1 Persons

Who employ their lungs steadily, & with an equable degree of force are seldom affected by this disease. These are public Criers - City watchmen - Players - Lawyers, & persons who employ their lungs frequently in singing. The last is said to prevent it, and hence Bishop ascribes the greater frequency of pulmonary Complaints among the Ladies of the Society of friends in this city, to their not using their lungs in that ~~plain~~ natural & healthful exercise - I say natural exercise, for to sing is as natural to man as to speak. The Woman Clergy it is true - are prone to them affected w: the Hæmoptysis, but I believe it is not so much from loud, & long speaking, as from taking Cold after ~~being~~ having undergone what the late rev^d Whitefield used to call a pulpit sweat. Taylors & Thomas's are often affected with it.

2 ⊕ It has been remarked that the hæmorrhage from

the lungs seldom follows the cause which
excites it immediately, but generally from a day
to a month after it. The Rev^d Mr Winchester
who died of this disease informed me that
after the most fatiguing use of his lungs in
preaching, he never spat blood till the day
afterwards, & I have known two instances of
its not occurring till a month after the
lungs were debilitated by public speaking.
3 In those habits where ~~to fat~~ the premonitory
signs of Consumption have occured, an
hæmorrhage from the lungs often prevents
or cures the disease. It is remarkable the
more copious the hæmorrhage, the
more certain the cure. I remarked this when treating on
pulmonary consumption. Rev^d Dr Smith — Rush Drinker, Coxe,
& Dr Smiths. Mr Miller, End of 2nd: Dr Barton.
4 The discharge of blood from a rupture of
a blood vessels in the lung is sometimes so
sudden & copious as to suffocate. Against it

~~I have classed apoplexy of the lungs.~~ The Law as Apoplexy of the brain is caused by extravasation & extravasation of blood, so is the Apoplexy of the Lungs. In the case I have mentioned, the disease death was induced by extravasation. I have seen it more frequently than in a Dr. it be who fall dead in the Streets of Philadelphia about the year 1789.

+ In these cases, the disease is confined to the first or pulmonary Division of the Sanguiferous System - The Aortic division by its refusing to concur in producing general fever presents the usual consequences of a pulmonary hemorrhage & a Chronic Cough without

is effused so universally thro the lungs. as
to kill by what I called formerly an Apo-
plexy of the lungs. I once saw this in a
Clerk in One of the Public Offices of the United
States. not more than two Spoonsful of blood
was discharged from his mouth. His lungs
were drowned in their own blood. He had
been consumptive for several years. V

5 The Haemoptysis in many people is a
local disease, unattended with general
debility in which case it is seldom fatal,
and often as innocious as a bleeding of
the nose. The King of Prussia was subject
to it During the whole of his last seven
years war. I have seen it in several
persons in this City who now enjoy good
health. +

6 It is less dangerous & fatal in people
in the decline of life than in young, and

a fever is often equally hazardous for many years, and even during a whole life. It was by contemplating those facts, I was led to subdivide the Sanguineous System into the two ~~predispositions~~ I have mentioned.

8 When it arises from Gout; or to speak more properly, in gouty Habits, it is seldom attended with danger.

9 In Chronic Hyemoptysis the lungs have been found nearly filled with little polypi.

middle aged people, from the Inplant Vibra-
tility of the blood vessels being wore away,
& from the veins having taken the place
of the Arterial plethora.

7 Alarming & dangerous as this Disease is,
many persons who have been afflicted with
it have arrived at a great age. The King of
Prussia lived to be 75 — John Wesley 86, Sir
Hans Sloan 96, and Dr de Normandie of this
country to be near 90, all of whom were
affected by it more or less in the early &
middle parts of their lives. V

8 That form of Hemoptysis which Dr Cullen
calls Vicaria - is seldom fatal, & rarely termi-
nates in Consumption. It attends the suppression
of the menses & bleeding piles. They are
easily cured, but often
goes off of themselves.

9 While that which precedes consump-
tives, that which follows its effects in

V 2 After Vs: common Salt should be swallowed by tea-cup - or table Spoonfuls according as the patient is able to bear it. It acts by imparting such a stimulus to the Trachea - which is transmitted to the bleeding vessel which it forces into contraction & thus stops the effusion of blood. It may be used before Vs: when it can't be conveniently performed. It is a temporary remedy - & to be used only during the continuance of the Hæmorrhage. ~~If it fail &c~~ ~~Cocoa &c. to be had 3 To Cold consisting of cold water &c. rubbed into the Stomach. Light clothing~~ Dr Brown says when taken in the form of Cocoa for a Constant Drink it has fused several pulmonic Consumptions. If the Cocoa fail, 2 tea cups of lime juice & Sugar in cold water to 3 Cold. consisting of water rubbed into the Stomach & cold applications to the whole body. Dr Bond remedy, & cold water to the Scrotum. Mr Desmeans remedy. 4 Vegetable aids. 5 alum.

the lungs, generally more fatal ~~than~~ ~~to the~~ ~~Liver~~
~~worse than bleeding from the Stomach~~
bee come now to its Remedies.
These should be V.S: accommodated to the
State of the pulse, and Condition of the System.
The Rev^d Dr Smith President of the College at
Princeton lost 3 200 of blood in the course
of a few days before he was able to check
the Hemorrhage from ~~the~~ his lungs. ~~It~~ Some-
-times the ~~lungs~~ lungs are so engorged with
blood in this disease exactly in the same
way as they are in Pneumonia Notha.
for this Case, the pulse is languid, or
natural. ~~but the frequent difficulty of~~
~~breathing occurs~~ less. This State of the
pulse so far from forbidding V.S, calls
loudly for it - ~~The pulse~~ It often becomes
active or tense after it - owing to the
pulmonary Vessels taking on morbid or
inflammatory Action. V

V all its exciting causes such as great heat-
cold- Venery- hallooing & reading loud, or long, singing
laughing, & lifting weights should be avoided. =

H Too much can not be said in favor of
this remedy. They were introduced by the Cats. Dr
Glentworth. To the ancles they do great ser-
vice from their spasm & they watch the lungs.
Baglivi speaks often connected of the connection
between those two parts of the body.
∓ Salivation. I have used this remedy
in Consumption attended with a spitting of
blood without inducing the disease. Rudlett
the last from Dr Frost of ½ of 38th consumptive

6 Opium. Jach: Saturni ℞ & bind to wrists from neck or Blisters, & Rest bowels.

10 Gentle purges shd: be given to obviate irritation from the bowels, and conversation — coughing — & large draughts at a time of liquids of all kinds should be strictly forbidden.

After great morbid Action has been reduced, or if the disease come on with feeble morbid Action the Remedies should be 1 common Salt.

2 Opiates in large quantities, - but if they are disagreeable or ineffectual - the Lemon Hyosciamus Bitters have Should be given. - it acts like Opium, but without inducing costiveness. 3 ~~The Oil of Amber~~ has once cured this State of the disease After all other remedies had been tried to no purpose. ℊ ℍ 6 to x ters die. Oil of Amber wd: probably have the same effects. to the Neck, ~~also the back of~~ first & ~~to the~~ ~~part of the breast~~. 4 Blisters applied to ~~lower bowels~~ Head & the pubes Diet, and Drinks. 5 Once stopped by a draught of Brandy toddy. 6 Emetics have been recom: in this State of Hemorrhage from the lungs ~~above quoted~~ by Dr Bryan Robinson. - If all the above remedies failed - they shd be tried - if not in vomiting. - certainly in evacuating Doses. 6th ℏ

To prevent the return of this disease gentle exercise should be advised, & residence

patients having ~~Diarrhoea~~ Obstructed Menstruation
Spleens. In ~~those cases, some of them~~
~~too often~~ that proportion of Consumptive
in all countries
patients a considerable number generally
have ~~in the~~ a discharge of blood from the
lungs.

7 Dr Drayton of Carolina in his ~~late~~ visit to
this city in 1806 informed me that while he was
a student in the University of Edin^r: there was a
woman in the Infirmiary of that place who
was ~~kept alive from 12 months by being~~ bled
for 12 months
very 3 or four days in order to prevent a dan-
gerous hemorrhage from her lungs. After
~~having~~ holding her life for 18 months by this
means, she was seized with a fever
which she recovered. From that time, the
her hemorrhage from her lungs ceased
without the aid of any more V.S. This fact
is an important one. The Arterial System
in this case was probably unequally

when practicable, in an uniform climate. I have known the disease twice radically cured by cordial Drinks & diet. The former in the Revd D. Jno Smith who ascribes his recovery wholly to the constant use of Porter. The latter in Capt Linar of Maryland who after trying low diet - Jamaica Voyages for several years to no purpose - suddenly took to living on a cordial diet - from which time he has lived free of his disease. ——— Occasional V.S. has likewise proved a excellent prophylaxis of this hemorrhage. - The late Dr Bond lost blood every 2 3 4 5 and 6 weeks for many years to prevent a return of it, & thus outlived it. His full pulse, & a sense of fulness at his breast were the signs which always induced him to use the lancet. He lived at the same time temperately, especially in the use of Wine. I adopted his practice & used it for many years, & to it under God I owe any preservation from death from a pulmy disease.

In addition to frequent & small V.S. & low diet, I have derived great benefit from the use of the Bark taken as a prophylactic remedy after the cessation of the Disease, & during the absence of a Cough. I —

~~How temperature~~ How sanguiferous
excited. The ~~fever by diffusing excitement~~
~~predisposition~~ ~~impoverishment~~ who probably confined to
her lungs". The fever by diffusing the
morbid excitability of ~~her lungs~~ the
pulmonary, to the Aeortic System, who by
the means of carrying her. Result the
fact of a preternaturality frequent pulse
becoming natural After a fever in the
Rev. W. Clayton of Liverpool, & from new
excitement being infused into the blood =
=Vessels by the morbid stimulus of the
blood. ~~The inference of those facts~~ is
Here a review of those two facts, I w?
ask what would be the effect of exciting
the aortic System by artificial means for the
cure of Haemoptysis ? Exciting an inflam?
on the Skin by Hot Turpentine Poultice,
might produce this fever. I conceive this
mode of inducing fever w.. not only be the
safest but the most effectual from the

had the authority of his Master, known for the
use of this medicine who used it for dropsy, visiting
dropsies, and afterwards took a dose of it every
day for 45 years. He did I have said at 90 in use of
in the full enjoyment of all his mental blood
faculties. The difference of opinion respecting
the safety of the Bark has arisen Only to the
from the different states of the System mach,
in which it has been given. In an d your
active state of the pulse, it is certainly comes a
improper, but in the typhous pulse, taken
or the pulse of debility, it is a noble ow fever.
medicine. I owe much to it, taken hanged
often taken it to in the intervals of stomach.
Hemicrania, and of always with great made
& immediate benefit. Boston Oct 07. to come
Dr Dawson ases.
ould
brance

nature of the
law of ~~b~~sympathy between the lungs &
Skin - that is - the excitement of the vessels
on ~~of~~ the surface of ~~the surface of~~ the body is always
followed by a diminution of the excitement of
the lungs. & vice versa. I called this ~~the~~ reverse
= ly inverse sympathy. - The internal rest
cannot be employed to ~~act upon~~ excite the cortis
[illegible] without acting alike upon the vessels
of the lungs. — Recollect what was said of the
bilious fever & [illegible]
[illegible]

Hematymesis, or a Vomiting of blood.

This disease is accompanied with a sense of oppression & sickness at stomach. The blood discharged is generally of a black color, & often coagulated. The blackness is owing to the bottom of the blood as it lay in the stomach, being inverted after it is ejected, & blood you know when deprived of air always assumes a black colour. It is sometimes mistaken for the black Vomiting in the yellow fever.

The blood is not always discharged from a ruptured blood vessels in the stomach. This has been proved by a dissection made by Vanswieten. It has been proved to come from the Liver, ~~& Spleen~~ In some cases. Swellings of the Spleen have been observed to subside after a breaking of blood.

Dr Ludwig takes notice of a membrance

V Its remote & exciting Cause, are
1 Obstructions in the Liver & Spleen.
2 Hard Drinking. 3 Acrid Substances taken
into the Stomach 4. The Violent Operation
of a Pickle. 5 Obstruction of the Menses —
hence it occurs most frequently in Women.
6 Suppression of the piles. 7 Concussion.
Some can it thus induced by the Steam-
-ing of a horse. & Ice cream. Jno Gillespie.

being sometimes ejected from the stomach. It is probably formed by the same kind of Inflam^n which takes place in the bronchia, pleura & bowels, or it may be the Coagulating Lymph of the blood converted into a membrane by lying in the Stomach.

A hectic fever sometimes follows this disease & is generally fatal.

It sometimes ends in an Ascites which is likewise incurable.

Blood is sometimes Discharged thro the ~~bowels~~ ~~blood~~ bowels. If it be red it is of a florid colour, but if it be black, & grumous like that which is ejected from the Stomach it is less unfavourable.

Remedies

The discharge of blood is often so copious in this disease as to render it unnecessary. It is indicated now & then when it is the effect of suppressed piles, or obstructed menses. The

Stomach is often so irritable as not to bear
medicine of any kind. - But this is not always
the case. I have once checked it by giving
a table Spoonful of Salt. in cup of water - also
aciduleted
~~vitriolic~~ with Vinegar has done service.
Blood should be given - but if it be
rejected - it should be given by way of Glyster
in a small
quantity of water - The quantity of water
should be small - least by distending the
Colon at the flexion Under the Stomach,
or pressing on the liver or Spleen it
should encrease the discharge of blood.
Cold water should likewise be given by way of Glysters.
Alum & Sal: Saturn: should be given in
moderate doses. If they do no good, Abstain
immediately from them.

A Counter Action should be at-
tempted by means of a Blister to the
external region of the Stomach.

~~Cathartics~~ After the Cessation of the

r is apt to when it comes on suddenly
without Chronic predisposing debility. In the
~~the last 18 months~~ years 1803 & 4 I have been attended two
patients in this city & its neighborhood both
of whom had been intemperate, & both
of whom died with Ascites. & I thought
I had cured one of them. He was well for
nearly a year, but was by returning to his
old habits of Drinking, the vomiting of blood,
and Ascites returned of which he sounded.
— In the year 1805 I was consulted in
the case of a Mr J. H. Randolph of Virginia
which was exactly similar to the one

hæmorrhoids, the recurrence of it should be prevented by a mild diet - gently astringent medicines, and rest. A strict search should be made into the state of the Liver, & Spleen, and if they be obstructed, those obstructions should be removed. Vogel & Donatus mention Cures being performed by medicines given for that purpose.

It is generally often a fatal Disease when it arises from chronic causes. It

The melena or hæmorrhage from the Liver consists in a discharge of black sometimes mixed with green bile, & grumous blood from the bowels. It arises from obstructions of long standing in the liver. ~~The blood~~ I have seldom seen a recovery from it, and I believe never in hard Drinkers, in whom it most frequently occurs.

last Desired. I gave the best advice I was able. but did not encourage his physicians to expect a recovery from it. He soon afterwards Died.

Hemorrhages from the bowels,
the intestines sometimes pour forth
red blood mixed with mucus. It occurs
now & then in Dysentery. Its Remedies are
Vs if the pulse be tense — L Lond: or cold water
also Astringent vegetables both by the
mouth, and by way of Injections.

Bloody Urine from the Kidneys & bladder.

It arises from 1 Calculi irritating sensible parts.
2 Hard Riding. 3 The use of Cantharides. 4 It is
sometimes a Symptom of malignant Fevers. 5 It has
been known to succeed the Cessation of the piles.

Remedies

1 Vs If pulse be tense. 2 Dr Martin Hale of Ches-
-ter, informed me he had cured it by giving
common Salt. 3 Glysters of L Lond: & cold Water.
4 Cold Applications to the back. 5 Rest, & 6 low
diet.

Hemorrhage from hemorrhoidal vessels or the Bleeding piles. 26

The Remedies when profuse, or necessary to prevent, or cure other diseases should be. Head:- Cold water - Sac: Pot: Alum: and Galls applied to the anus. Glysters of the same conditions should be injected. Recumbent rest - and diluent which affords the least quantity of fæces should be recommended. I have seldom known it prove fatal.

Hemorrhagia Uterina

It occurs about the Cessation of the Menses - in pregnancy - and at other periods from a sedantary life & in temperate persons. - foot stoves are said to predispose to it.

Its Remedies are 1 Vs: if the pulse be tense, 2 Rest in a recumbent posture, & often for several days. 3 Cold Applications to the Regio pubis. 4 Flour to the same part.

you will find a

~~The following~~ letter from Dr Burton of
in the medical museum,
~~with~~ His virtue will show the efficacy of the
Remedies I have recommended in this disease.

§ + In the Gessner Ephemerides there is an
Acc[t] of this Disease being cured by the Herb
Also by a Lybian fever. The Herb in this
case must have cured only the convulsions
of the pain of itching & the pleasure of
Scratching. ¶ It has been p. 28 =.

= In thus terminating fatally it resem=
= bles ~~a pulmonary consumption~~ the pneumonia or an hæmorrhage
from the lungs. When it occurs in the
early or forming state of Consumption, it is
seldom fatal, but often salutary. But
When it occurs in the latter stage of =

It acts by decomposing the blood, & thereby ma-
king the thrombus formed from the coa-
gulating lymph to check the bleeding vessels.
& blood: in large quantities. 5 Blisters to the
thighs. 6 Alum-Galls & Sal Saturni, a solution
prevented by occasional VS: if it occur
in pregnancy. In this way I have known it
prevented abortions. 2 by a diet of salted meat, with a
small quantity of veg: food. 3 by avoiding
climbing stairs, & getting into a high carriage.
— when the pulse is languid, the preventives
should be Bark - steel - exercise, and
cordial diet. —

I have never seen this disease prove fatal
except immediately after parturition, and
when it ended in other diseases, as cancer
or fluor albus - ul-
cers in the uterus - or

= Consumption it is generally a mortal Symptom; for it arises in this case from an erosion of a blood vessel by the matter which is formed from Ulcers in the Lungs. ~~Exactly~~ The same thing occurs in the haemorrhoidal Ulcerations. — It is a safe disease in its early stage, but ~~after a while~~ when the disease in the Uterus which induces it ends in Ulcers, it is ~~and~~ and these Ulcers eat into adjoining blood Vessels it is a Dangerous Symptom a fatal disease. It might be called a Pulmonary ~~Ulcerative~~ Consumption known in the Ulcerous ~~Exhaustion~~ See here Gent: another instance of the Unity and simplicity of disease! The unity is here in this case the Enemy, and a Milk diet.

checked when it appeared in the form of preternatural discharge of the Lochia by putting a child to the breast, or by applying Dry Cups to the ~~breasts~~. They both act by creating a ~~counteraction~~ revulsive action, & they do this the more so, from the intimate connection between the breasts and Uterus.

Hemorrhage from wounds

They occur in places, and at times where a needle cannot be used, or will not be submitted to. The Contraction of the bleeding vessel by pressure, Tourniquet, and pressure above it by a finger on the pulse, and pressure below it with bandages. 2 Cold Air 3. Cold water [Recollect the fact of the Deer stopping its bleeding wounds by plunging itself in a cold spring of water] ~~4 The coagulation of the blood with the last Opiates Bol. Ammon. & food flour~~

Styptics. These are such substances as contract the vessels. They are alchohol - Spt Turpentine, Sal Saturn: & the mineral acids. 2 such as act by coagulating the blood. These are lint - Sponge - Bol. Ammon.

✓ If all fail 5 the Rule. Upon this
windy I cannot help mentioning an
the Anecdote of
the Surgeon who first employed them
Ambrose Parey. He was persecuted for cruelty
by his brethren for using them. He
was even called "Carnifex" or Hangman
by the College of physicians in Paris.
The good old man meekly & piously
replied to this Abuse of him by saying
that "for the good of mankind, & the
honor of Surgery - he was inspired by
God with that good thought."

and fine flour. 3 Such as act by destroying the vessels themselves, & forming an eschar. Thus are below viz: boiling Sp^t Turpentine, and Lunar Caustic. The last often checks Hæmorrhage from a Vein after V.S. when all other applications have proved ineffectual. A piece of Court plaster has often had the same effect.

Hæmorrhage from the Skin

They occur in malignant fevers, especially when the skin has been destroyed by Blisters. They have been produced by great agony of mind. Their Remedies are external Astringents & internal tonics.

I have known one instance of an Hæmorrhage from the nipples in a Woman who gave suck, & have read an Acct of its occurring at the Cape of good Hope. The case I saw yielded to gently astringent external applications.